**Name**:

**Student** **ID**:

**Introduction**

We design a client in java to dispatch jobs in a distributed system of servers. Our goal is to maximize resource utilization.

**Problem Definition**

*the description of scheduling problem*

Objective function: Resource utilization

**Algorithm Description**

All to largest

**Implementation Details/ Data Structures**

Data Structures used: String and Integer arrays

**Evaluation**

Pros: Maximizes resource utilization

Cons: Increases turnaround time

**Conclusion**

**Reference**

Github link